

Work Order ID 154988

Wednesday, January 04, 2017 2:14:16 PM

154988

Page 1

Item ID: D3794-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Gasket Fwd
 Start Date: 1/13/2017 Start Qty: 12.00 ***12*** *8 17/1/00* Cust Item ID:
 Required Date: 1/16/2017 Req'd Qty: 12.00 ***12*** Customer:
 Reference:

Approvals: Process Plan: **DAS 21 9-89** Date: **JAN 04 2017** Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3794	Rev A								
100	FLOW WATER JET	0.01							
100									
Waterjet	Memo	0.14							
FLOW CNC Waterjet	1-Cut as per Dwg D3794 Dwg Rev: A Prog Rev: A 2- Debur if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.02							
Quality Control									
120	QC8- Inspect parts - second check	0.00							
120									
QC	Memo	0.04							
Quality Control									

JAN 20 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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154988

Page 2

Item ID: D3794-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Gasket Fwd

Start Date: 1/13/2017 Start Qty: 12.00

12

Cust Item ID:

Required Date: 1/16/2017 Req'd Qty: 12.00

12

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Packaging

Memo

LOCATION ; FP001

0.02

9

DAS
6
9-88

JAN 24 2017

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

0.20

DAS
21
9-88

JAN 26 2017



JAN 24 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
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Picklist Print

Wednesday, January 04, 2017 2:14:21 PM

Page 1
4

Work Order ID: 154988

154988

Parent Item: D3794-1

D3794-1

Parent Item Name: Gasket Fwd

Start Date: 1/13/2017

Required Date: 1/16/2017

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A 08-05-13 new issue DD verified by:EC
IPP Rev:B 08-05-23 revA as per dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

MNEO60S.063

Purchased

No

100

sf

56.9149

0.5902

7.869334

MNEO60S 063

NEOPRENE SHEET 0.063

OK 17/01/06

Location

Loc Qty

Loc Code

GA

8.2149

M131990

8.2149

MAT

48.7

M135551

48.7

27 6.9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
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Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____			
Misidentified ☐		Past Due ☐					

DART AEROSPACE LTD		Work Order:	154988
Description: Gasket		Part Number:	D3794-1
Inspection Dwg: D3794 Rev: A		Page 1 of 1	

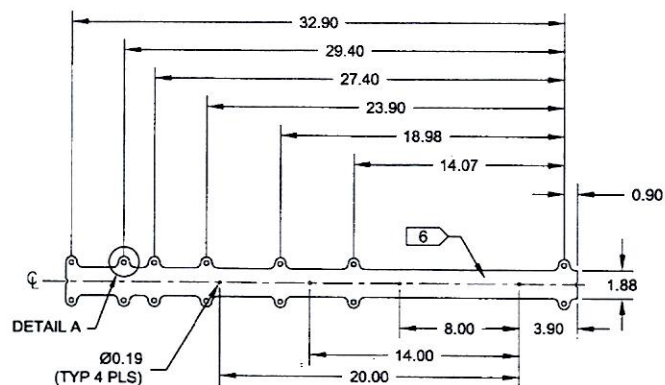
FIRST ARTICLE INSPECTION CHECKLIST

☒ **First Article**
☐ **Prototype**

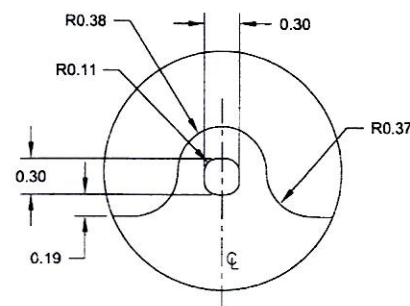
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.19	+0.005/-0.001	Ø.19	✓		Via-02	
0.300 x 0.300	+/-0.010	0.300 x 0.300	✓		Typ	
1.88	+/-0.030	1.88	✓			
0.90	+/-0.030	0.90	✓			
3.90	+/-0.030	3.90	✓			
8.00	+/-0.030	8.00	✓			
14.00	+/-0.030	14.00	✓			
20.00	+/-0.030	20.00	✓			
14.07	+/-0.030	14.07	✓			
18.98	+/-0.030	18.98	✓			
23.90	+/-0.030	23.90	✓			
27.40	+/-0.030	27.40	✓			
29.40	+/-0.030	29.40	✓			
32.90	+/-0.030	32.90	✓			

Measured by:	ac	Audited by:	DAS 38	Prototype Approval:	N/A
Date:	27/01/16	Date:	JAN 20 2017	Date:	N/A

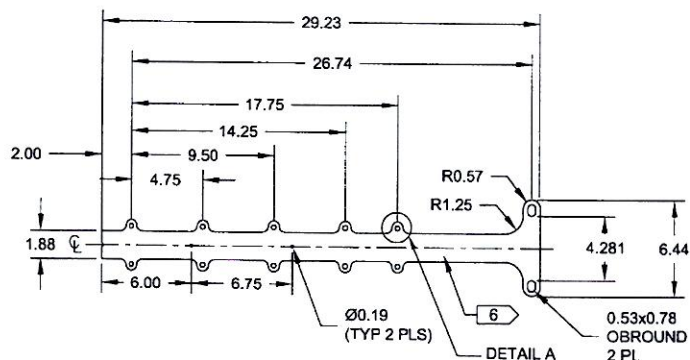
Rev	Date	Change	Revised by	Approved
A	08.05.28	New Issue	KJ/DD	DD



D3794-1 GASKET



DETAIL A
SCALE 8X



D3794-3 GASKET

NOTES:

- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER
(REF DART SPEC. M-NEO60-S.063)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "DXXXX-X" USING WHITE FINE POINT PERMANENT INK MARKER OR LABEL
- 7) WEIGHT: D3794-1 - 0.23 LBS, D3794-3 - 0.22 LBS

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *159988 MJS*

1701-04

RELEASED
08-05 23/11

A NEW ISSUE		PH	08.05.14
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>PH</i>	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	<i>PH</i>		
CHECKED	<i>PH</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>PH</i>	D3794	SHEET 1 OF 1
APPROVED	<i>PH</i>	TITLE	SCALE
DE APPR.	<i>PH</i>	GASKET	NTS
DATE	08.05.14	COPYRIGHT © 2008 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	